

1. Please provide the following energy data:

3 years thermal (gas and/or oil) consumption and rates (monthly)

Any current energy contract(s) start and end/renewal dates

Renewal option(s)

Decision making and rate indexing for evaluating/determining current contract pricing

3 years electric consumption and rates: Note, this information is critical to assess the seasonal electric demand for cooling

Any current energy contract(s) start and end/renewal dates

Renewal option(s)

Decision making and rate indexing for evaluating/determining current contract pricing

This information is attached as Attachment A for fuel oil consumption for both sites and Attachment B for Electrical Bills for East Campus and Attachment C for Electrical usage for Downeast Correctional. We currently have contracts to provide fuel oil to both locations that start on July 1, 2010 and run through June 30, 2012 as a result of a recent RFP. There is language in the contracts to reduce the total consumption if alternative fuels are used at any facility. There is a two year renewal option in those contracts as well.

Electrical contract is in place for supply with Semptra Energy through October of 2011. Delivery is provided by CMP for East Campus and Bangor Hydro for Downeast Correctional. There is no contract for delivery.

2. Please provide the following system information:

Steam and/or hot water?

How is air conditioning produced? Absorption Chillers?

Approximate age/manufacturer/model year, size, output capacity (MMBTU) of current energy systems

Temperatures, pressure or lbs/hour

On the East Campus:

The system is 60 psi Steam

All centralized cooling is either air cooled DX or air cooled chillers. There are numerous window units on the campus to provide cooling in some of the buildings.

1. Cleaver Brooks, CB-700, Ser # L57697, 10/11/1973, 700 hp

2. Cleaver Brooks, CB-700, Ser # L60386, 5/2/1975, 700 hp

3. Cleaver Brooks, CB-200, Ser # O16079, 10/23/1956, 200 hp

At Downeast Correctional

The system is low pressure (15psi) steam and hot water boiler

There is no centralized air conditioning

Steam boilers are 1986 and 1987 H.B. Smith located in section 12. Hot water boiler is a 1988 H.B. Smith 28 S.H. located in section 9

3. Under the Scope of Work which of the following will be provided under the proposal by the successful vendor?

- Project price (complete cost to construct the project) **YES**
- Project timetable (for all steps through construction & commissioning) **YES**
- Engineering and design **YES**
- Construction project management **YES**

- Project construction – equipment supply and installation **YES**
- Construction of a building or building addition to house the new equipment **YES**
- Construction of alternate energy fuel storage facilities **YES**
- Installation of interface equipment to connect the new energy generating equipment with existing steam and electrical systems **YES**
- Commissioning **YES**
- Alternative energy fuel procurement assistance to BGS **YES**
- Supply of alternative energy fuel to the project over 10 years **YES**
- Operation, maintenance and repairs to the plant over 10 years **YES**
- Staffing of the new plant over 10 years **NO**
- Other (please specify)

The vendor will be responsible for operation, maintenance and repairs of the installed system. Staffing will be provided by the State of Maine

4. Which of the following will be provided to bidders during the RFP period? **See Question #1**
 - Fuel oil delivery records for 2 years **YES**
 - Daily fuel oil consumption for 2 years **NO**
 - Metered daily or hourly steam data for at least 1 year **NO**
 - Copies of electric bills for 2 years **YES**
 - Daily or hourly electric consumption and demand readings for at least 1 year **NO**
5. Please provide a site map for the project showing the location of the existing plant.
Attachment D is for Downeast Correctional. There is not one available for East Campus.
6. Please indicate on the site map the site(s) that you expect to be used for construction of the new facilities. **To be determined by vendor in consultation with the Departments**
7. Please provide drawing(s) showing the existing steam plant and its equipment layout.
Attachment F is from Downeast Correctional. There is not one available for East Campus.
8. What is the operating steam pressure of the existing plant, and what pressure steam goes out to the different loads served by this plant? **For East Campus See Question #2, for Downeast Correctional the operating pressure is less than 15 psi, pressure going out 10 psi or less.**
9. Does the existing plant supply hot water directly to any loads? If so, please list. **For Downeast Correctional only to the kitchen and laundry**
10. Under the Standard Offer, will payments for electricity sent to the grid from the new plant go to the successful vendor or to the State? **If a proposal from a vendor includes sending electricity to the grid, it should be assumed the payments for that electricity would accrue to the state, not the vendor.**
11. What is the source of capital funds for the project? Will federal funds under the American Recovery and Reinvestment Act (ARRA) be used? **The sources of capital funds for this project are to come from the entity making the proposal. The State reserves the right to seek and to use grant or bond funding to assist with this project, but all proposals should assume that all necessary capital will be made available by the provider and not the state.**

12. With respect to project cost amortization, are you asking the bidders to finance the project capital cost and get reimbursed by the State over a 10 year period? **YES**
13. Are you asking bidders to operate and maintain the new plant for 10 years under a fixed pricing contract? **YES. The state will entertain proposals that are either at a specific fixed price or which are fixed to formula pegged to market conditions, the price of heating oil, for example.**
14. Are you asking bidders to supply fuel to the project for 10 years? Under a specified price contract, or under annual market pricing? **YES to the supply question. The state will entertain proposals that are either at a specific fixed price or which are fixed to formula pegged to market conditions, the price of heating oil, for example.**
15. The RFP talks about including in the proposal the capacity and cost of “infrastructure to add new customers” – please give an indication of what customers, how large their loads are, whether they are privately-owned properties, how far from the plant they might be, and the cumulative total of all loads that might be added in the future. **These variables are unknown at this time.**
16. Under Section III.A.5., which requires a performance bond to “pay the cost of timely reversion to the pre-existing oil-fired system” – is BGS requiring that if the new alternative fuel system does not work the existing oil system must be left fully operational and able to carry out its full function? **YES, or some other acceptable back-up provision must be provided in the event that either the new system or the vendor fail to perform.**
17. In the same section, please clarify the requirement that the vendor, “provide for one full year of fuel, maintenance and operation of the new system” – is this a requirement that the vendor will provide the cost of one year’s running the system, or that the vendor will run the new system for the first year using its own labor, materials, and fuel?
18. Under Section III.C.1., what is the “existing estimated fuel cost of continuing to use the existing heating fuel source” for 10 years? **It is how much it is going to cost to continue to use #2 fuel oil at the sites in question for the next ten years. You could use a flat figure as a baseline cost or you can use a sliding scale. Please describe what methodology that was used to determine your pricing structure.**
19. Exactly what submissions will be included in the 30 page limit, and what ones will not? For example, would corporate qualifications, references and resumes be part the 30 page limit, or can they be given in appendices? **They would be part of the 30 page limit.**
20. Under Section VI.A.3., the cost component of scoring, should bidding vendors address this criterion by quantifying 10-year thermal output in MMBtu and adding it to 1-year electrical output converted to MMBtu? **YES**